

Db 1213 AAGAGGAGTGAAGCCAGGTCTGCTGAGTTCACCGTGGGAGAAAGGACAGTCTATCATC 1272
||||||||||||||||||||||||||||||||||||||||||||||||

Qy 406 CysAlaGluValArgCysLeuGlnProSerGluValSerSerThrGluValAsnMetArg 425
||||||||||||||||||||||||||||||||||||||||||||

Db 1273 TGTGCGGAGGTGAGATGCCTGCAGCCCAGTGAGGTTCATCCACGGAGGTGAATATGAGA 1332
||||||||||||||||||||||||||||||||||||||||

Qy 426 SerArgThrLeuGlnGluProLeuSerAspCysGluGluValLeuCys 441
||||||||||||||||||||||||||||||||||||||||

Db 1333 AGCAGGACTCTCCAAGAACCCCTAGCGACTGTGAGGAGGTTCTCTGC 1380
||||||||||||||||||||||||||||||||||||

RESULT 3

EA401043

LOCUS EA401043 2003 bp DNA linear PAT 07-FEB-2008

DEFINITION Sequence 40 from patent US 7317087.

ACCESSION EA401043

VERSION EA401043.1 GI:167301875

KEYWORDS . ALIGNMENT #2

SOURCE Unknown.

ORGANISM Unknown.

Unclassified.

REFERENCE 1 (bases 1 to 2003)

AUTHORS Davis,R.S. and Cooper,M.D.

TITLE Members of the FC receptor homolog gene family (FCRH1-3, 6),
related reagents, and uses thereof

JOURNAL Patent: US 7317087-A 40 08-JAN-2008;
The UAB Research Foundation; Birmingham, AL;
US;

FEATURES Location/Qualifiers

source 1..2003
/organism="unknown"
/mol_type="genomic DNA"

ORIGIN

Alignment Scores:

Length: 2003

Score: 2316.00 Matches: 436

Percent Similarity: 100.0% Conservative: 0

Best Local Similarity: 100.0% Mismatches: 0

Query Match: 99.0% Indels: 0

DB: 10 Gaps: 0

US-10-574-045-4 (1-441) x EA401043 (1-2003)

Qy 6 GlyProMetLeuLeuTrpThrAlaValLeuLeuPheValProCysValGlyLysThrVal 25
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Db 73 GGCCCCATGCTGCTGGACGGCTGTGCTGCTTTGTTCCCTGTGTTGGAAAATGTC 132
||||||||||||||||||||||||||||||||||||

Qy 26 TrpLeuTyrLeuGlnAlaTrpProAsnProValPheGluGlyAspAlaLeuThrLeuArg 45
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Db 133 TGGCTGTACCTCCAAGCCTGGCAAACCCCTGTGTTGAAGGAGATGCCCTGACTCTGCGA 192
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|----|-----|--|-------|
| Qy | 46 | CysGlnGlyTrpLysAsnThrProLeuSerGlnValLysPheTyrArgAspGlyLysPhe | 65 |
| | | | |
| Db | 193 | TGTCAGGGATGGAAGAACATACCACTGTCTCAGGTGAAGTTCTACAGAGATGGAAAATT | C 252 |
| Qy | 66 | LeuHisPheSerLysGluAsnGlnThrLeuSerMetGlyAlaAlaThrValGlnSerArg | 85 |
| | | | |
| Db | 253 | CTTCATTTCTCTAAGGAAACCAGACTCTGTCCATGGGAGCAGCACAGTGCAGAGCCGT | 312 |
| Qy | 86 | GlyGlnTyrSerCysSerGlyGlnValMetTyrIleProGlnThrPheThrGlnThrSer | 105 |
| | | | |
| Db | 313 | GGCCACTACAGCTGCTCTGGGCAGGTATGTATTCACAGACATTACACACAAACTCA | 372 |
| Qy | 106 | GluThrAlaMetValGlnValGlnGluLeuPheProProValLeuSerAlaIlePro | 125 |
| | | | |
| Db | 373 | GAGACTGCCATGGTTCAAGTCCAAGAGCTGTTCCACCTCCTGTGCTGAGTGCCATCCCC | 432 |
| Qy | 126 | SerProGluProArgGluGlySerLeuValThrLeuArgCysGlnThrLysLeuHisPro | 145 |
| | | | |
| Db | 433 | TCTCCTGAGCCCCGAGAGGGTAGCCTGGTGACCTGAGATGTCAGACAAAGCTGCACCCC | 492 |
| Qy | 146 | LeuArgSerAlaLeuArgLeuLeuPheSerPheHisLysAspGlyHisThrLeuGlnAsp | 165 |
| | | | |
| Db | 493 | CTGAGGTCAAGCCTTGAGGCTCCTTCTCCTCACAGGACGGCACACCTTGCAGGAC | 552 |
| Qy | 166 | ArgGlyProHisProGluLeuCysIleProGlyAlaLysGluGlyAspSerGlyLeuTyr | 185 |
| | | | |
| Db | 553 | AGGGGCCCTCACCCAGAACTCTGCATCCGGGAGCCAAGGAGGGAGACTCTGGCTTAC | 612 |
| Qy | 186 | TrpCysGluValAlaProGluGlyGlyGlnValGlnLysGlnSerProGlnLeuGluVal | 205 |
| | | | |
| Db | 613 | TGGTGTGAGGTGGCCCTGAGGGTGGCCAGGTCCAGAACAGAGCCCCAGCTGGAGGTC | 672 |
| Qy | 206 | ArgValGlnAlaProValSerArgProValLeuThrLeuHisHisGlyProAlaAspPro | 225 |
| | | | |
| Db | 673 | AGAGTCAGGCTCCTGTATCCGCTGTGCTACTCTGCACACGGCCTGCTGACCC | 732 |
| Qy | 226 | AlaValGlyAspMetValGlnLeuLeuCysGluAlaGlnArgGlySerProProIleLeu | 245 |
| | | | |
| Db | 733 | GCTGTGGGGACATGGTGCAGCTCCTCTGTGAGGCACAGAGGGCTCCCTCCGATCTG | 792 |
| Qy | 246 | TyrSerPheTyrLeuAspGluLysIleValGlyAsnHisSerAlaProCysGlyThr | 265 |
| | | | |
| Db | 793 | TATTCCTCTACCTGATGAGAAGATTGTGGGAACCACTCAGCTCCCTGTGGTGGAAC | C 852 |
| Qy | 266 | ThrSerLeuLeuPheProValLysSerGluGlnAspAlaGlyAsnTyrSerCysGluAla | 285 |
| | | | |
| Db | 853 | ACCTCCCTCCTCTCCAGTGAAGTCAGAACAGGATGCTGGAACTACTCCTGCGAGGCT | 912 |
| Qy | 286 | GluAsnSerValSerArgGluArgSerGluProLysLysLeuSerLeuLysGlySerGln | 305 |
| | | | |
| Db | 913 | GAGAACAGTGTCTCCAGAGAGAGGAGTGAGCCAAAGAAGCTGTCTGAAGGGTCTCAA | 972 |

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|----|--|
| Qy | 306 ValLeuPheThrProAlaSerAsnTrpLeuValProTrpLeuProAlaSerLeuLeuGly 325 |
| Db | 973 GTCTTGTTCACTCCCGCCAGCAACTGGCTGGTTCTGGCTCCTGCGAGCCTGCTTGGC 1032 |
| Qy | 326 LeuMetValIleAlaAlaAlaLeuLeuValTyrValArgSerTrpArgLysAlaGlyPro 345 |
| Db | 1033 CTGATGGTTATTGCTGCTGCACTCTGGTTATGTGAGATCCTGGAGAAAAGCTGGGCC 1092 |
| Qy | 346 LeuProSerGlnIleProProThrAlaProGlyGlyGluGlnCysProLeuTyrAlaAsn 365 |
| Db | 1093 CTTCCATCCCAGATAACCACCCACAGCTCCAGGTGGAGAGCAGTGCCCACTATATGCCAAC 1152 |
| Qy | 366 ValHisHisGlnLysGlyLysAspGluGlyValValTyrSerValValHisArgThrSer 385 |
| Db | 1153 GTGCATCACCAAGAAAGGAAAGATGAAGGTGTTGCTACTCTGGTGCATAGAACCTCA 1212 |
| Qy | 386 LysArgSerGluAlaArgSerAlaGluPheThrValGlyArgLysAspSerSerIleIle 405 |
| Db | 1213 AAGAGGGAGTGAAGGCCAGGTCTGCTGAGTTCACCGTGGGAGAAAGGACAGTTCTATCATC 1272 |
| Qy | 406 CysAlaGluValArgCysLeuGlnProSerGluValSerSerThrGluValAsnMetArg 425 |
| Db | 1273 TGTGCGGAGGTGAGATGCCCTGCAGCCCCAGTGAGGTTCATCCACGGAGGTGAATATGAGA 1332 |
| Qy | 426 SerArgThrLeuGlnGluProLeuSerAspCysGluGluValLeuCys 441 |
| Db | 1333 AGCAGGACTCTCAAGAACCCCTAGCGACTGTGAGGAGGTTCTGC 1380 |

RESULT 4

AY513661

LOCUS AY513661 1305 bp mRNA linear PRI 21-MAY-2007
DEFINITION Homo sapiens Fc receptor-like protein 6 mRNA, complete cds.
ACCESSION AY513661
VERSION AY513661.1 GI:46241312
KEYWORDS .
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;
Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 1305)
AUTHORS Wilson,T.J., Presti,R.M., Tassi,I., Overton,E.T., Celli,M. and Colonna,M.
TITLE FcRL6, a new ITIM-bearing receptor on cytolytic cells, is broadly expressed by lymphocytes following HIV-1 infection
JOURNAL Blood 109 (9), 3786-3793 (2007)
PUBMED 17213291
REFERENCE 2 (bases 1 to 1305)
AUTHORS Wilson,T.J., Strader,C.A. and Colonna,M.
TITLE Direct Submission
JOURNAL Submitted (25-DEC-2003) Pathology and Immunology, Washington University School of Medicine, 660 S. Euclid, St Louis, MO 63110,